

GEOG 5570. Special Topics in GIS. 3 hours. Advanced examination of selected topics and techniques in Geographic Information Systems. Course content reflects current trends in GIS research and the job market. Examples include multiuser geospatial data management, web-based GIS implementation and customization, GIS programming, advanced topics in spatial analysis and spatial statistics, applications for specific career fields, and other topics. Students must complete an independent research paper. Prerequisite(s): consent of department. May be repeated for credit as topics vary. (Meets with GEOG 4570.)

GEOG 5600. Seminar in Environmental Policy. 3 hours. Analysis and evaluation of environmental policy, including spatial, historical, economic, ecological and institutional dimensions of contemporary resource management issues.

GEOG 5630. Soils Geomorphology. 4 hours. (3;3) Methods and applications of soils and landform analysis. Soils classification, formation processes and relationships to landforms and vegetation are stressed. Methods of soils description, mapping and physical-chemical analysis are taught, and applications to study of landscape changes and land-use planning are emphasized. Prerequisite(s): consent of department.

GEOG 5650. Environmental Geology. 3 hours. Geologic aspects of land-use planning; earthquakes, landslides, coastal processes, streams and flooding, soils, groundwater, and waste disposal; planning for the future. Requires investigating and reporting on a case study in environmental geology.

GEOG 5700. Global Dynamics. 3 hours. (2;2) Biosphere-geosphere models on a global scale. Topics include past global changes and climate variability, assessing impacts of global change, dynamic biogeography, interdisciplinary approaches, economics and policy issues, and applications of GCM, GIS and remote sensing. Prerequisite(s): graduate standing or consent of department.

GEOG 5850. Introduction to Groundwater Hydrology. 3 hours. Topics include principles of groundwater flow; aquifer properties and characteristics; geology of groundwater occurrence; groundwater development and methods of assessing and remediating ground water contamination. Students independently acquire, evaluate and interpret hydrogeological data and report the results in a research paper.

GEOG 5900. Special Problems. 1–3 hours. Research by graduate students in fields of special interest. Prerequisite(s): consent of department.

GEOG 5920. Research Problems in Lieu of Thesis. 3 hours. Research-based independent study. Problem must be approved by major professor. Requires submission of research report. Non-thesis option only. Prerequisite(s): must have completed or be concurrently enrolled in GEOG 5110, plus 12 additional hours completed toward the Master of Science degree in applied geography, or consent of department.

GEOG 5950. Master's Thesis. 3 or 6 hours. To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. May be repeated for credit.

GEOG 5960. Geography Institute. 3 hours. For students accepted by the university as participants in special institute courses. May be repeated for credit as topics vary.

Geology – see *Undergraduate Catalog*

Geology

see *Undergraduate Catalog*

German

see Foreign Languages and Literatures

Health Promotion

see Kinesiology, Health Promotion and Recreation

Hebrew

see *Undergraduate Catalog*

Higher Education

see Counseling and Higher Education

History

History, HIST

HIST 5010. Studies in Ancient History. 3 hours. Extensive readings and study in the social, religious, political and military history of ancient Egypt, Israel, Greece or Rome. May be repeated as topics vary.

HIST 5020. Seminar in Ancient History. 3 hours. Research seminar in selected themes in ancient history. Prerequisite(s): HIST 5010 or consent of department. May be repeated for credit as topics vary.

HIST 5040. Studies in Modern European History. 3 hours. Extensive readings and study in one of the topical areas of modern European history. May be repeated for credit as topics vary.

HIST 5060. Seminar in Recent and Contemporary European History. 3 hours. Studies in European history since World War I.

HIST 5080. Seminar in Modern European History. 3 hours. Research seminar in modern European history. May be repeated for credit as topics vary.

HIST 5100. Seminar in United States History. 3 hours. Research seminar in United States history. May be repeated for credit as topics vary.

HIST 5110. Studies in United States History. 3 hours. Extensive readings and study in United States history. May be repeated for credit as topics vary.

HIST 5130. Studies in World History: Latin American or Asian. 3 hours. Extensive readings and study in either Latin American or Asian history. May be repeated for credit as topics vary.

HIST 5150. Seminar in World History: Latin American or Asian. 3 hours. Research seminar in either Latin American or Asian history. May be repeated for credit as topics vary.

HIST 5190. Studies in Near East/African History. 3 hours. Extensive readings and study in one of the topical areas of Near East/African history. May be repeated for credit as topics vary.

HIST 5220. Studies in United States Military/Diplomatic History. 3 hours. Extensive readings and study in either United States military or diplomatic history. May be repeated for credit as topics vary.

HIST 5230. Seminar in United States Military/Diplomatic History. 3 hours. Research seminar in either United States military or diplomatic history. May be repeated for credit as topics vary.

HIST 5240. Studies in European Military/Diplomatic History. 3 hours. Extensive readings and study in either European military or diplomatic history. May be repeated for credit as topics vary.

HIST 5250. Seminar in European Military/Diplomatic History. 3 hours. Research seminar in either European military or diplomatic history. May be repeated for credit as topics vary.

HIST 5260. Seminar in Near East/African History. 3 hours. Research seminar in Near East/African history. May be repeated for credit as topics vary.

HIST 5420. Research Seminar in Local History. 3 hours. Research and writing of local history.

HIST 5460. Archives and Manuscript Repositories Studies. 3 hours. Examines the theory and role of archives and manuscript repositories, their history and basic practices used in each.

HIST 5470. Museum Studies. 3 hours. Examines the theory and role of museums in history and basic practices used in them.

HIST 5480. Applied History Practicum. 3 hours. Practical experience in collecting, evaluating, preparing, describing and displaying archives, manuscripts and artifacts that involve either archives or museums. Includes working experience in either an archive, manuscript repository or museum. Prerequisite(s): HIST 5460 or HIST 5470.

HIST 5500. Techniques of Oral History. 3 hours. Training in methodology of conducting, editing, transcribing and indexing interviews with eyewitnesses to or participants in historic events; emphasis on archival functions.

HIST 5520. Oral History: Project Development and Implementation. 3 hours. (0;0;3) A detailed, advanced consideration of the planning and development of an oral history project. Purpose is to create sources of research information to be used writing the master's thesis. Prerequisite(s): HIST 5500. May be repeated for credit.

HIST 5900-HIST 5910. Special Problems. 1–3 hours each. Conference courses open to advanced students capable of doing independent research under the direction of the instructor. Registration permitted only with consent of department.

HIST 5940. Historical Bibliography. 1 hour. An introduction to major reference materials in American and European history with discussions of significant research centers. Required for all beginning graduate students unless waived by the department chair or graduate committee chair.

HIST 5950. Master's Thesis. 3 or 6 hours. To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. May be repeated for credit.

HIST 5960-HIST 5970. History Institute. 1–6 hours each. For students accepted by the university as participants in special institute courses. May be repeated for credit as topics vary but not to exceed a total of 6 hours in each course.

HIST 5980. Teaching of College History. 1 hour. An examination of the philosophies and techniques of teaching history at the college and university level. Open to all graduate students and required of all history teaching fellows at their first opportunity to take it. This course is in addition to other degree requirements.

HIST 6000. Historiography. 3 hours. United States and European historiography. A history of United States and European historical literature. Required of all PhD students in history.

HIST 6900-HIST 6910. Special Problems. 1–3 hours each. Research by doctoral students in the fields of special interest. Prerequisite(s): consent of department.

HIST 6940. Individual Research. 3 hours. Doctoral research of an independent nature. May be repeated for credit.

HIST 6950. Doctoral Dissertation. 3, 6 or 9 hours. To be scheduled only with consent of department. 12 hours credit required. No credit assigned until dissertation has been completed and filed with the graduate dean. Doctoral students must maintain continuous enrollment in this course subsequent to passing qualifying examination for admission to candidacy. May be repeated for credit.

Honors Courses

see *Undergraduate Catalog*

Human Service Management and Leadership

see *Undergraduate Catalog*

Information Science

see Library and Information Sciences

Information Technology and Decision Sciences

Business Computer Information Systems, BCIS

BCIS 5090. Introduction to Business Computer Information Systems. 1.5 hours. Examines the interaction between information systems and the organizational context. Specific topics to be covered include the strategic role of information systems (IS), interorganizational systems, the Internet and WWW, electronic commerce, reengineering, the human impacts of IS, the management of change, IS development and implementation, and emerging types of information technology. Course work includes lectures, readings, case analyses and discussion, electronic meeting technology, hands-on computer assignments and a team field project.